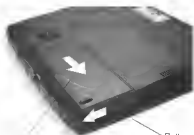


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BATTERY PACK REMOVAL



Battery pack

Battery
release lever

- 1 Turn the computer upside down as shown
- 2 Slide the **battery release lever** in the direction of the arrow
- 3 Slide the **battery pack** to the right and lift it out

OPTIONAL PCMCIA CARD REMOVAL



PC card

PC Card Lock

Eject button

- 1 Slide the **PC Card lock** to unlock position
- 2 Push the **eject button** to pop it out
- 3 Press the **eject button** and remove the **PC card**

NOTE Before removing any PCMCIA device, make sure it is "STOPPED" in the PC Card Manager

HDD REMOVAL



M2.5x6 black screw

HDD slot cover

- 1 Turn the computer upside down
- 2 Remove **one M2.5x6 black screw** securing **HDD cover** and lift out the cover



HDD bracket handle

HDD assembly

- 3 Slide the **HDD assembly** in the direction of the arrow to disconnect from PJ4 on the system board
- 4 Lift the **HDD assembly** out of the HDD bay

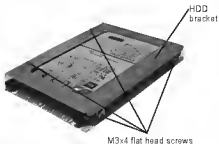
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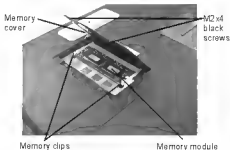
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HDD REMOVAL



- 6 Remove **four M3x4 brass flat head screws** securing the **HDD bracket** to the drive and lift off the bracket

EXPANSION MEMORY REMOVAL

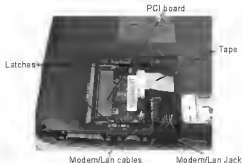


- 1 Turn the computer upside down
- 2 Remove **two M2x4 black flat head screws** and remove the **memory cover**
- 3 Spread the **memory clips** and pull the **memory module** out of the connector on a 30 degree angle

MODEM/LAN REMOVAL



- 1 Turn the computer upside down
- 2 Remove **two M2.5x4 flat head screws** securing the Modem/Lan cover
- 3 Lift up the front side of the cover to release the two latches securing it



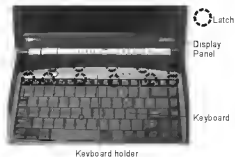
- 4 Remove the **tape** securing the cables
- 5 Disconnect the **Modem/Lan cables** from the mini PCI board
- 6 Remove the **Modem/Lan Jack**
- 7 Spread the **latches** securing the mini PCI board and pull the board out of the connector on a 30 degree angle

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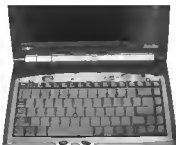
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KEYBOARD REMOVAL



- 1 Open the **display panel**
- 2 Using the case separator unlatch the **keyboard holder** at the top of the keyboard



- 3 Remove **two M2.5x1 black flat head screws** securing the keyboard

KEYBOARD REMOVAL



- 4 Lift out the **keyboard** and set it as shown above
- 5 Disconnect the **keyboard cable** from **PJ7** on the system board and lift out the keyboard

TOP COVER REMOVAL



- 1 Turn the computer upside down and remove the following fourteen screws:
2 **M2.5x4 black flat head screws** at the back
2 **M2.5x16 black screws** from the underside
4 **M2.5x1 black flat head screws** from battery bay
6 **M2.5x6 black screws** from the underside

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TOP COVER REMOVAL

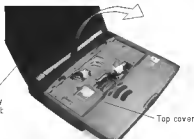


LCD/FL cable
M2x8 brass screws
PJ10

Speaker cable

M2 5x6 black screws

- Turn the computer right side up and open the display panel
- Disconnect the following four cables
 - LCD/FL cable from PJ2
 - LED/Button cable from PJ5
 - IPS switch cable from PJ10
 - Speaker cable from PJ16
- Remove four M2 5x6 black screws and two M2x8 brass screws securing the top cover



Display assembly

Top cover

- Lift up the back side of the top cover and display assembly to release three latches on the front side of the top cover and remove the top cover and display assembly

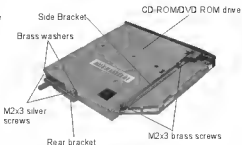
CD-ROM/DVD ROM DRIVE REMOVAL



CD/DVD ROM drive assembly

PJ6

- Slide the CD/DVD ROM drive assembly to the right to disconnect from PJ6 on the system board
- Lift out the drive assembly



M2x3 silver screws

Rear bracket

M2x3 brass screws

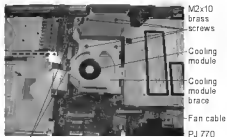
- Remove two M2x3 silver screws securing the rear bracket. Remove the rear bracket and the two brass washers
- Remove two M2x3 silver screws securing the side bracket of the DVD ROM drive

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COOLING MODULE REMOVAL

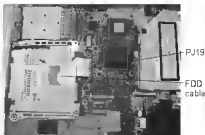


M2 5x5 brass screws

- 1 Remove **two M2.5x5 brass screws** securing the cooling module brace and lift out the brace
- 2 Disconnect the **fan cable** from **PJ770** on the system board
- 3 Remove **four M2x10 brass screws** securing the cooling module and lift it out
- 3 Remove the cooling seal on the CPU and dispose it

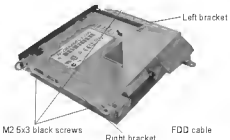
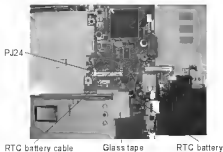
NOTE: Always order a new CPU seal.

FDD REMOVAL



- 1 Disconnect the **FDD cable** from **PJ19** on the system board
- 2 Lift out the FDD

RTC REMOVAL



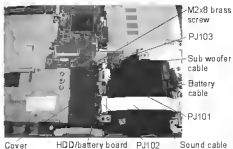
- 3 Remove **four M2.5x3 black screws** securing the right and left metal brackets
- 4 Disconnect the **FDD cable** from the FDD

- 1 Disconnect the **RTC battery cable** from **PJ24** on the system board
- 2 Remove the **glass tape** securing the RTC battery
- 3 Lift the **RTC battery** out of the slot

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BATTERY BOARD REMOVAL



- 1 Remove **one M2x8 brass screw** securing the plastic cover and lift the cover out
- 2 Disconnect the **sonnd cable** from **PJ102** on the battery board
- 3 Lift up the back side of the **battery board** to disconnect it from **PJ30** on the system board
- 4 Disconnect the **battery board cable** and **snb woofer cable** from **PJ101** and **PJ103** on the battery board

SUB WOOFER REMOVAL

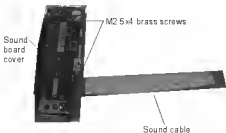


- 1 Remove **one M2.5x5 brass screw** securing the sub woofer
- 2 Fold back the sound cable and lift out the **snb woofer**

SOUND BOARD REMOVAL



- 1 Remove **two M2.5x5 brass screws** and **one M2.5x6 black flat head screw** securing the metal brace
- 2 Lift out the **metal brace**
- 3 Lift out the **sonnd board**



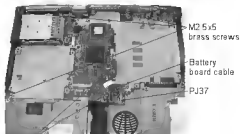
- 4 Disconnect the **sonnd cable** from **PJ34** on the sound board
- 5 Remove **two M2.5x4 brass screws** securing the sound board cover and remove the **cover**

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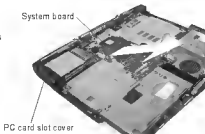
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SYSTEM BOARD REMOVAL



Stud screws

- 1 Disconnect the **battery board cable** from **PJ37** on the system board
- 2 Remove **three M2.5 brass screws** and **two stud screws** securing the system board



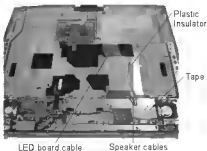
- 3 Lift up the front side of the **system board** and pull the board out
- 4 Remove the **PC Card slot cover** from the system board

MEMBRANE SWITCH REMOVAL



- 1 Remove **two M2x4 brass screws** securing the membrane switch board
- 2 Lift out the **membrane switch**

LED/BUTTON BOARD REMOVAL

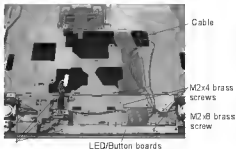


- 1 Lift the strip of **glass tape** covering the speaker cables
- 2 Fold back the **plastic insulator** covering the LED/button cable

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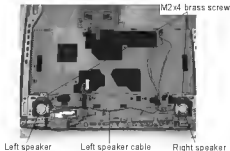
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LED/BUTTON BOARD REMOVAL



- 1 Remove **seven M2x4 screws** and **one M2x8 screw** securing the LED/Button boards
- 2 Slide the LED/Button board to the left and lift it out

SPEAKERS REMOVAL



- 1 Pull out the **left speaker cable** under the LCD/FL cable
- 2 Remove **one M2x4 brass screw** securing each speaker brace
- 3 Lift off the **speaker braces**
- 4 Lift out the speaker assemblies

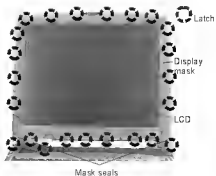
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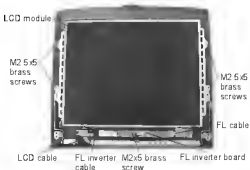
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13.3 TFT DISPLAY MASK REMOVAL



- 1 Remove **two mask seals** at the bottom corners of the display assembly
- 2 Remove **two M2.5x5 brass screws** securing the display mask
- 3 There are **23 latches** securing the **display mask**. Carefully insert your fingers between the **display mask** and the **LCD module** and pry open the latches starting from the **top six latches** to the **five latches on the right and left sides** ending with the **six bottom latches**

FL INVERTER AND LCD REMOVAL



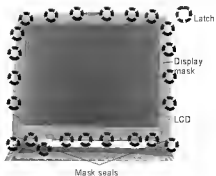
- 1 Remove **one M2x5 brass screw** securing FL inverter board
- 2 Carefully lift up the **FL inverter board** and disconnect the **FL inverter cable** from **CN1** and the **FL cable** from **CN2**
- 3 Remove **four M2.5X5 brass screws** securing the **LCD module**
- 4 Carefully rotate the **LCD module** from right to left of the LCD cover
- 5 Disconnect the **LCD cable** from the LCD module and remove the **LCD** from the computer

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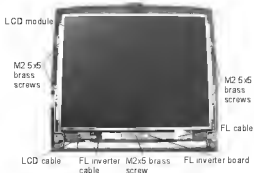
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14.1 TFT DISPLAY MASK REMOVAL



- 1 Remove **two mask seals** at the bottom corners of the display assembly
- 2 Remove **two M2.5x5 brass screws**
- 3 There are **23 latches** securing the **display mask**. Carefully insert your fingers between the **display mask** and the **LCD module** and pry open the latches starting from the **top six latches** to the **five latches on the right and left sides** ending with the **six bottom latches**

FL INVERTER AND LCD REMOVAL



- 1 Remove **one M2x5 brass screw** securing **FL inverter board**
- 2 Carefully lift up the **FL inverter board** and disconnect the **FL inverter cable** from **CN1** and the **FL cable** from **CN2**
- 3 Remove **four M2.5X5 brass screws** securing the **LCD module**
- 4 Carefully rotate the **LCD module** from right to left of the LCD cover
- 5 Disconnect the **LCD cable** from the LCD module and remove the **LCD** from the computer

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